

ABSTRACT OF THE DISCLOSURE

The process consists of selecting a sub-set of interfering cells and a sub-set of interfered cells among a set of a radio cells in a network, fixing a plurality of calculation parameters such as threshold levels for
5 signal/interference ratios, parameters related to the power of interfering cells and the traffic channel, then determining the service area of the interfered cells and the area including inter-cell overlaps, then calculating the attenuation of the interfering cell and the
10 attenuation of the serving interfered cell respectively, at each point or pixel in the overlap area. An estimate of the signal/interference ratio is made for each pixel starting from attenuations and parameters. The invention is used to isolate and identify interfering cells and
15 interfered cells. The power in the interfering cells generating an excessive disturbance can thus be adjusted.